



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4092-041
Job Sheet 172394



*reprint
qty changed*

Part No: D4092-041

Job Qty: 2 ea

Part Name: Maintenance Step Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/16/18

Job Tracking No:

Due Date: 3/16/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV C IPP REV:A NEW ISSUE 10-06-01 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-639 JLM
VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	3/16/18	3/16/18	0.00	0.00	Start Up Stores/Pkg-1		MAY 02 2018
100	Packaging	2 pcs	3/16/18	3/16/18	0.00	0.00	Packaging1-4		MAY 02 2018
110	Small Fab	2 pcs	3/16/18	3/16/18	0.00	0.75	Small Fab-5		MAY 03 2018
120	QC	2 pcs	3/16/18	3/16/18	0.00	0.00	QC5		MAY 03 2018
130	Packaging	2 pcs	3/16/18	3/16/18	0.00	0.00	Packaging3-2		MAY 03 2018
140	QC21-SA	2 Ea	3/16/18	3/16/18	0.00	0.00	QC21		MAY 03 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4092-1	Maintenance Step	4 Ea (2 ea)	90-Start up Operation	502667
D4093-1	Bracket	2 Ea (1 ea)	90-Start up Operation	504284 95x1
D4093-3	Bracket	2 Ea (1 ea)	90-Start up Operation	504285
D4093-5	Bracket	4 Ea (2 ea)	90-Start up Operation	504367
MS21042L3	Nut	24 Ea (12 ea)	90-Start up Operation	503154/10
MS24694-S54	Screw	4 Ea (2 ea)	90-Start up Operation	506237/117
MS24694-S55	Screw	16 Ea (8 ea)	90-Start up Operation	5024480
MS24694-S56	Screw	4 Ea (2 ea)	90-Start up Operation	5050050
NAS1149D0332J	Washer	24 Ea (12 ea)	90-Start up Operation	501131951-2
				5020600

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D4092-1	4	7	0
	D4093-1	2	8	0
	D4093-3	2	9	0
	D4093-5	4	9	0
	MS21042L3	24	2,040	0
	MS24694-S54	4	103	0
	MS24694-S55	16	152	0
	MS24694-S56	4	57	0
	NAS1149D0332J	24	2,877	0

2967

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval _____	
Description Work Order Deviation			Disposition		

Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power I ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/P ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Used ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				

DART AEROSPACE

Container No: S067483

Part: D4092 - 041

Job No: 172394

Revision: _____

Serial No/Batch: S067483

Inspector: _____

Dart Aerospace Ltd.

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 CANADA
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 Email: sales@dartaero.com
 www.dartaero.com

Date: 05/02/18

Part Specifications
Specifications could not be found.

Plex 5/1/18 2:16 PM dart.lacelle.linda

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					